WHAT IS CLAIMED IS:

1. A corrugated pipe connecting arrangement comprising a corrugated pipe with corrugations extended transverse to its longitudinal axis, which can be arranged at substantially identical distances from each other, wherein said corrugated pipe is formed with a one-piece plain region at at least one end, said plain region comprising an abutment section, and can engage with a connecting element which may be merged with said plain region and said abutment section.

2. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the abutment section is formed at least over a partial circumference, preferably over a full circumference.

3. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the abutment section is formed as a radially protruding rib, as a ring or the like.

4. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the abutment section is formed such that the plain region comprises a constriction and beyond said constriction falls back to a diameter which is greater than that of the constriction, such that the abutment section is formed as a radially protruding rib, as a ring or the like.

5. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that a connecting section is arranged between the section comprising the corrugations and the abutment section.

6. The corrugated pipe connecting arrangement as set forth in claim 5, characterized in that the abutment section is even.

7. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that said connecting element comprises at least one sealing means, in particular an O-ring, which can engage with the plain region, forming a seal.

8. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the connecting element comprises an abutting means which can be inserted into an accommodating space for the plain region, surrounding it.

9. The corrugated pipe connecting arrangement as set forth in claim 7, characterized in that the sealing element is accommodated between said abutting means and a collar region.

10. The corrugated pipe connecting arrangement as set forth in claim 8, characterized in that the abutting means comprises a radial extension which is extended outwards and can engage with a latching recess.

11. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that a closure element is provided on the connecting element which is extended radially inwards and can abut, preferably reversibly, against the abutment section via at least one recess in the connecting element.

12. The corrugated pipe connecting arrangement as set forth in claim 11, characterized in that said closure element can be formed for instance as a fork-like blocking member, as a pivoting and latching film hinge blocking element or the like.

13. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the pipe wall is formed thicker in the region of the plain region then in the corrugated region.

14. The corrugated pipe connecting arrangement as set forth in claim 1, characterized in that the connecting element is formed, for instance injected, onto the end of the corrugated pipe.

15. A corrugated pipe comprising at least one corrugated pipe section and at least one end region, wherein said end region is formed as one piece with said corrugated pipe section as a plain region, wherein an abutment section is formed in the run of said plain region.

16. The corrugated pipe as set forth in claim 15, characterized in that the plain region comprises a thicker wall than the corrugated pipe section.

17. The corrugated pipe as set forth in claim 15, characterized in that the abutment section is formed at least over a partial circumference, preferably over a full circumference.

18. The corrugated pipe as set forth in claim 15, characterized in that the abutment section is formed as a radially protruding rib, as a ring or the like.

19. The corrugated pipe as set forth in claim 15, characterized in that a connecting section is arranged between the section comprising the corrugations and the abutment section.

20. The corrugated pipe as set forth in claim 15, characterized in that the closure section is even or plain.

21. A corrugated pipe connecting arrangement comprising a corrugated pipe with corrugations extended transverse to its longitudinal axis, wherein said corrugated pipe is provided on at least one of its end regions with a connecting region which is formed integrally with the corrugated pipe and can be inserted in a socket connecting section, said connecting region being provided, for connecting to said socket connecting section, with at least one, preferably a number of serrated tooth-like profiles which run in the insertion direction for connecting to the socket connecting section and can abut the inner circumference of the socket connecting section.

22. The corrugated pipe connecting arrangement as set forth in claim 21, characterized in that the inner circumference of the socket connecting section is plain-walled, at least in regions, over a full circumference.

23. The corrugated pipe connecting arrangement as set forth in claim 21, characterized in that said serrated tooth-like profile has an ascending flank in the insertion direction which is at an acute angle with respect to the insertion direction.

24. The corrugated pipe connecting arrangement as set forth in claim 21, characterized in that the serrated tooth-like profile exhibits a steeply flank on the side facing away from the insertion direction in the socket connecting section.

25. A corrugated pipe comprising at least one corrugated pipe section and at least one connecting region, wherein said connecting region is formed as one piece with said corrugated pipe section and the connecting region is provided with at least one, preferably more serrated tooth-like profiles running in the insertion direction, direction, for connecting to a connecting section.

26. The corrugated pipe as set forth in claim 25, characterized in that the serrated tooth-like profile (130) has an ascending flank in the insertion direction which is at an acute angle with respect to the insertion direction.

27. The corrugated pipe as set forth in claim 25, characterized in that the serrated tooth-like profile exhibits a steeply descending flank on the rear side of the ascending flank, said steeply descending flank causing a significant resistance counter to the insertion direction with respect to wrenching forces.

28. A plastic corrugated pipe connecting arrangement comprising a plastic corrugated pipe section with corrugations extended transverse to its longitudinal axis, comprising an integrally formed support section at at least one end, wherein said support section comprises a first diameter region, wherein at least one sealing and/or holding element can be inserted into said first diameter region, preferably axially held by a connector means.

29. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that said connector means comprises a pressing area which can be placed onto one of said sealing and/or holding elements.

30. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that the sealing and/or holding element is formed from a part, manufactured as one piece, which comprises a holding function region and at least one sealing function region.

31. The plastic corrugated pipe connecting arrangement as set forth in claim 30, characterized in that an engagement function region corresponding to said holding function section of the part manufactured as one piece is provided on the inner circumference of the first diameter region, said engagement function region holding the part manufactured as one piece in the axial direction.

32. The plastic corrugated pipe connecting arrangement as set forth in claim 30, characterized in that the part manufactured as one piece comprises two sealing function regions which are arranged symmetrically or asymmetrically with respect to the holding function region in the axial direction of the arrangement, wherein in particular the holding function section can additionally comprise a sealing area provided on the inner circumference.

33. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that a number of sealing and/or holding elements are preferably provided with distancing ring(s) lying in between.

34. The plastic corrugated pipe connecting arrangement as set forth in claim 30, characterized in that at least one locking section is provided on the outer and/or inner circumference of the support section and points towards a locking position via a correspondence section of the connector means, wherein said locking section and the

connector section produce a latching connection, a screw connection, a bayonet connection or the like.

35. The plastic corrugated pipe connecting arrangement as set forth in claim 31, characterized in that two locking bulges are provided opposite each other on the outer circumference of the support circumference, which can engage with assigned correspondence sections.

36. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that the support section comprises a second and/or a third diameter region, wherein at least one is arranged in front of the first diameter region and at least one is arranged behind the first diameter region.

37. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that the connector means comprises a neck, the correspondence section or sections being provided on the inner circumference of said neck.

38. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that the connector means comprises a collar section on its inner circumference.

39. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that a locking section comprises an abutment protrusion which secures said locking section against yielding radially under tensile stress.

40. The plastic corrugated pipe connecting arrangement as set forth in claim 28, characterized in that the locking section comprises a guiding area which faces the pipe to be held and deflects the locking section radially outwards when a tensile force is exerted on the pipe, wherein the pipe acts on said guiding area via an abutment section, in particular when a thrusting force is exerted on the connector means.

41. A plastic corrugated pipe comprising a plastic corrugated pipe section and a plastic corrugated pipe connecting arrangement as set forth in claim 1 at one end of said

plastic corrugated pipe section and comprising a plastic corrugated pipe connecting arrangement as set forth in claim 28 at the other end of the plastic corrugated pipe section.